

WHAT IS CLAIMED IS:

1           1. An optical stack of laminated removable lenses for  
2   affixing to a face shield on a helmet comprising:

3           a plurality of superposed removable lenses adhesively  
4   affixed to one another;

5           each said removable lens being held to each successive lens  
6   with a clear uninterrupted adhesive layer interposed between each  
7   said removable lens;

8           each said lens having a removal tab portion on at least  
9   one end which does not have any adhesive layer on either side of  
10   said tab portion for allowing the wearer of the helmet to quickly  
11   grasp said removal tab portion for removing the top lens and  
12   exposing a clean lens directly underneath said removed top lens.

          2. The optical stack of removable lenses as recited in claim  
1   further comprising:

          a second removable tab portion opposite the end of said  
removal tab portion.

3. The stack of removable lenses as recited in claim 1

further comprising:

slots for mounting said optical stack of removable lenses to a face shield.

4. The stack of removable lenses as recited in claim 1

further comprising:

means for mounting said optical stack of removable lenses to a face shield.

5. The optical stack of removable lenses as recited in claim

1 wherein:

said removable lenses and said clear adhesive layers have an index of refraction between 1.40 and 1.52.

1           6. An optical stack of removable lenses for affixing to an  
2 optical window comprising:

3           a plurality of generally rectangular superposed removable  
4 lenses adhesively affixed to one another and forming a continuous  
5 perimeter;

6           each said removable lens being held to each successive lens  
7 with a clear uninterrupted adhesive layer interposed between each  
8 said removable lens;

9           said perimeter having a generally straight edge portion;

10          the area adjacent said straight edge portion having a banded  
11 portion that does not have any adhesive affixed to any of the  
12 layers of film to assist in allowing each said film layer to be  
13 peeled off successively along said straight edge portion; and

14          a plurality of staggered tabs affixed to each said film  
15 layer and extending from said straight edge portion to assist the  
16 user in removing said uppermost soiled film layer, and  
17 successively removing each said next clean layer as said top  
18 exposed layer becomes contaminated.

19

20           7. The stack of removable lenses as recited in claim 6

21    wherein:

22           the adhesive layer is foreshortened as to expose a portion  
23   of the lens layers without optical wetting, creating a grasping  
24   tab.

25  
26           8. The stack of removable lenses as recited in claim 6

27    wherein:

28           an optically clear adhesive is the last layer to aid in  
29   mounting to a face shield.

30           9. The stack of removable lenses as recited in claim 6

31    wherein:

32           the optical window to which said stack of removable lenses  
33   is mounted includes a windshield, window, face shield, or a video  
34   display.